E SERIES ENGINE™

BRIGGS&STRATTON

BRIGGS&STRATTON

400E & 500E SERIES

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E SERIES ENGINE™

E-SERIES INITIATIVE

A NEW STANDARD IN ENGINE PERFORMANCE

Briggs & Stratton® will begin rolling out the New E-SERIES™ Initiative in 2011 to set a new standard of engine performance across our small vertical shaft engine ranges.

The New E-SERIES Initiative will place reduced exhaust emissions at the heart of all engines performance. Our commitment will be to surpass the European Exhaust Emissions Standards by at least 25%.

The New E-SERIES Initiative is not just about emissions, it is also about an evolution in overall standards that will widen choice and enhance the end user experience. The founding principles of power, reliability and durability remain core to the Briggs & Stratton value proposition. In addition the New E-SERIES Initiative will ensure that these principles further evolve to include easier starting, improved performance and enhanced customer experience.

Core to the New E-SERIES Initiative will be the introduction of two new engines, the 400E* and 500E-SERIES. These new engines will meet the New E-SERIES standards which will establish a new level of performance in its class.

Between now and the end of 2014 all Briggs & Stratton small vertical shaft engines will perform to the new E-SERIES standards.

A NEW ERA - A NEW STANDARD

* INTRODUCTION IN 2012

E-SERIES ENGINE™

THE RIGHT POWER FOR YOUR LAWN

Your lawnmower is only as powerful and durable as the engine that drives it. The 400E and 500E-SERIES engines are ideal to power lawnmowers for gardens up to 600 square meters.

TORQUE

Torque is simply the strength of the turning force the engine delivers to the blade of your lawnmower. The more torque your engine has the easier it is to cut longer, thicker grass. By incorporating the latest engine design technologies the New E-SERIES engines ensure optimal torque and efficiency. Better efficiency means more torque and lower emissions from a smaller engine displacement.

OVERHEAD VALVE TECHNOLOGY

The New 400E and 500E-SERIES OHV engines provide optimal performance in terms of power efficiency. By combining Overhead Valve technology with world class machining and manufacturing processes gained over 100 years, results in a highly efficient engine delivering optimal power with lower emissions per cc.

MECHANICAL GOVERNOR

The New 400E and 500E-SERIES engines feature an advanced mechanical governor system which is designed to better react and manage engine performance and power delivery under variable work load conditions. Whether you be cutting damp or long grass, the mechanical governor will ensure the engine delivers the right power all the time.

SUPER LO-TONE™ MUFFLER

The New 550EX ECO PLUS™ and 575EX models are equipped with the Briggs & Stratton Super Lo-Tone™ muffler system which significantly reduces noise and delivers exceptional tonal quality.

READYSTART®

NO PRIMING - NO CHOKING - JUST PULL FOR POWER

The ReadyStart® System sets the standard for easy starting. The innovative break through starting system eliminates the need to manually prime or choke the engine before starting. ReadyStart® is a standard feature on the 550EX ECO PLUS™ and 575EX models.

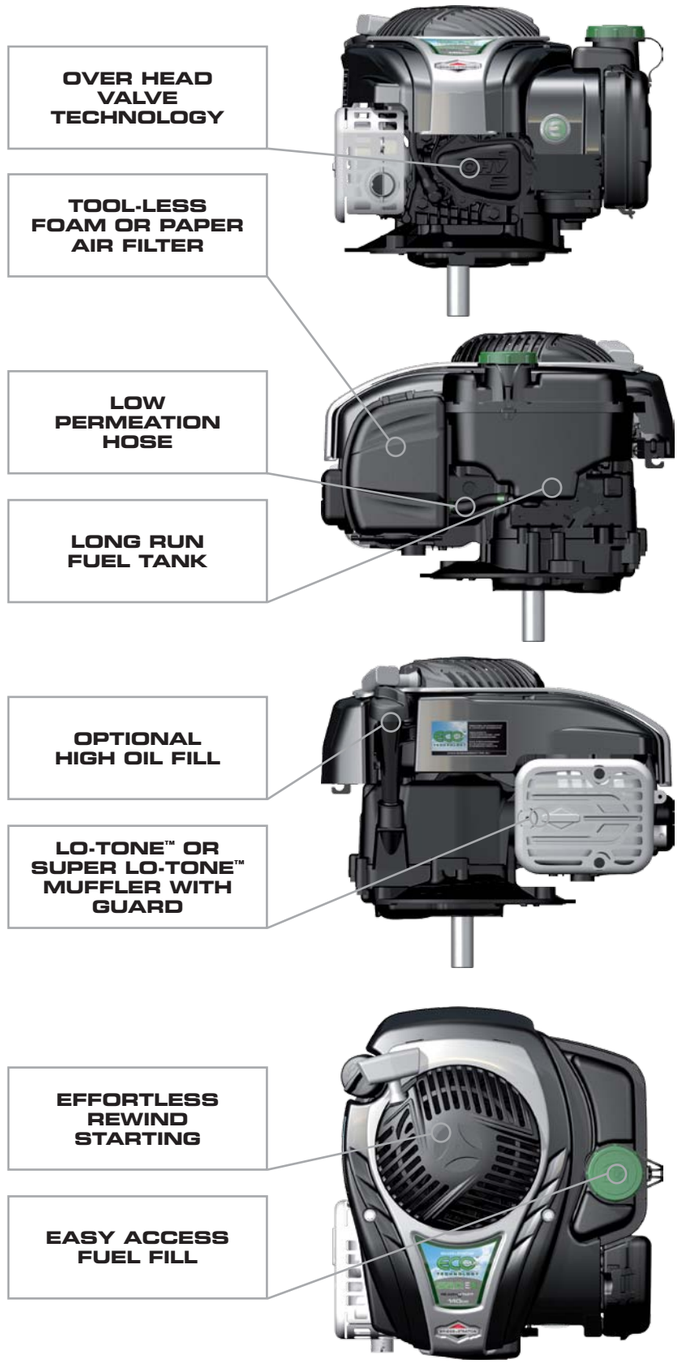
S2 STARTING GUARANTEE™

The S2 Guarantee™ offers you complete peace of mind knowing that your Briggs & Stratton engine will start within two pulls every time guaranteed. Our continual pursuit for total product reliability backed by more than 100 years of design and innovation has resulted in this unique product guarantee. The S2 Guarantee™ is offered on all E-SERIES engines which are equipped with ReadyStart®. For terms and conditions of the S2 Guarantee™ please refer to: www.briggsandstratton.com/eu/en/corp/feature/starting_guarantee.aspx

ECO PLUS™

Briggs & Stratton has a long-standing commitment to protect the environment. Core to the New E-SERIES engines is the reduction of engine exhaust emissions. ECO PLUS™ goes one step further, in addition to reducing exhaust emissions, it also reduces evaporative emissions. Evaporative emissions occur when an engine is not in use. During equipment storage, whether it be a lawnmower, tiller, or generator, the fuel in the tank evaporates and the hydrocarbons together with nitrogen-oxides pollute the air resulting in increased petrol emissions. ECO PLUS™ significantly reduces these evaporative emissions and as a result lessens the petrol odour in your storage area.

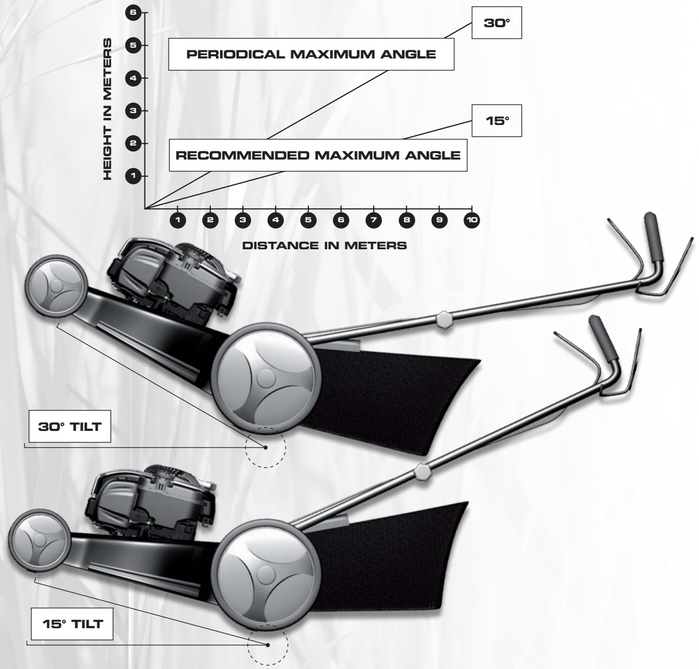
A NEW ERA - A NEW STANDARD


OVER HEAD VALVE TECHNOLOGY
TOOL-LESS FOAM OR PAPER AIR FILTER
LOW PERMEATION HOSE
LONG RUN FUEL TANK
OPTIONAL HIGH OIL FILL
LO-TONE™ OR SUPER LO-TONE™ MUFFLER WITH GUARD
EFFORTLESS REWIND STARTING
EASY ACCESS FUEL FILL

BRIGGS&STRATTON

YOUR E-SERIES ENGINE

MAXIMUM WORKING ANGLE THAT YOUR 4-CYCLE E-SERIES ENGINE CAN WORK ON



E SERIES™ ENGINE

BRIGGS&STRATTON®

450E SERIES™

FEATURES:
LO-TONE™ MUFFLER
FOAM AIR CLEANER
LOW OIL FILL

ENGINE TYPE:
SINGLE CYLINDER
4-STROKE - AIRCOOLED

MODEL NUMBER:
08P5

TORQUE (Nm) @3.060rpm:
6.1

DISPLACEMENT (cc):
125

CYLINDER:
ALUMINIUM

BORE & STROKE (mm):
60 x 44.45

FUEL TANK CAPACITY (L):
0.75

OIL CAPACITY (L):
0.47

DRY WEIGHT (Kg):
8.11

DIMENSIONS LxWxH (mm):
346.5 x 305.2 x 241.9

* INTRODUCTION IN 2012

BRIGGS&STRATTON®

500E SERIES™

FEATURES:
LO-TONE™ MUFFLER
FOAM AIR CLEANER
LOW OIL FILL

ENGINE TYPE:
SINGLE CYLINDER
4-STROKE - AIRCOOLED

MODEL NUMBER:
09P6

TORQUE (Nm) @3.060rpm:
6.8

DISPLACEMENT (cc):
140

CYLINDER:
ALUMINIUM

BORE & STROKE (mm):
63.4 x 44.45

FUEL TANK CAPACITY (L):
0.75

OIL CAPACITY (L):
0.47

DRY WEIGHT (Kg):
8.16

DIMENSIONS LxWxH (mm):
346.5 x 305.2 x 241.9

BRIGGS&STRATTON®

550E SERIES™

FEATURES:
SUPER LO-TONE™ MUFFLER (OPTIONAL)
PAPER AIR CLEANER
LOW OIL FILL

ENGINE TYPE:
SINGLE CYLINDER
4-STROKE - AIRCOOLED

MODEL NUMBER:
09P7

TORQUE (Nm) @3.060rpm:
7.5

DISPLACEMENT (cc):
140

CYLINDER:
ALUMINIUM

BORE & STROKE (mm):
63.4 x 44.45

FUEL TANK CAPACITY (L):
0.75

OIL CAPACITY (L):
0.47

DRY WEIGHT (Kg):
8.16

DIMENSIONS LxWxH (mm):
346.5 x 305.2 x 241.9

BRIGGS&STRATTON®

575EX SERIES™

FEATURES:
SUPER LO-TONE™ MUFFLER
PAPER AIR CLEANER
HIGH OIL FILL
READYSTART®
S2 GUARANTEE™

ENGINE TYPE:
SINGLE CYLINDER
4-STROKE - AIRCOOLED

MODEL NUMBER:
09P7

TORQUE (Nm) @3.060rpm:
7.5

DISPLACEMENT (cc):
140

CYLINDER:
ALUMINIUM

BORE & STROKE (mm):
63.4 x 44.45

FUEL TANK CAPACITY (L):
0.75

OIL CAPACITY (L):
0.47

DRY WEIGHT (Kg):
8.16

DIMENSIONS LxWxH (mm):
346.5 x 305.2 x 241.9

READYSTART

BRIGGS&STRATTON®

550EX SERIES™

FEATURES:
SUPER LO-TONE™ MUFFLER
PAPER AIR CLEANER
HIGH OIL FILL
READYSTART®
S2 GUARANTEE™
ECO PLUS™

ENGINE TYPE:
SINGLE CYLINDER
4-STROKE - AIRCOOLED
ECO PLUS™ TECHNOLOGY

MODEL NUMBER:
09P7

TORQUE (Nm) @3.060rpm:
7.5

DISPLACEMENT (cc):
140

CYLINDER:
ALUMINIUM

BORE & STROKE (mm):
63.4 x 44.45

FUEL TANK CAPACITY (L):
0.75

OIL CAPACITY (L):
0.47

DRY WEIGHT (Kg):
8.16

DIMENSIONS LxWxH (mm):
346.5 x 305.2 x 241.9

READYSTART

ECO PLUS™ TECHNOLOGY